

# CERTIFICATE OF ANALYSIS



## SAMPLE INFORMATION

Sample Name: Blue Dream  
Sample Id: 55783  
Collected: 09/05/2018 09:12  
Overall Result: Pass

Sample Matrix: Concentrate  
Batch Id: A54-A99  
Received: 09/10/2018 10:58

## MANUFACTURER INFO

Business Name: JBTB Holdings, Inc. DBA JBTB Holdings, Inc.  
Street Address: 1031 98th Ave  
State: CA  
License: CDPH-T00001060

City: Oakland  
Zip Code: 94603

## CANNABINOID ANALYSIS

**i** Total THC, CBD and Cannabinoid value(s) have been decarboxylated.

TOTAL THC: 794 mg/g (79.4 %)  
TOTAL CBD: ND (ND)  
TOTAL CANNABINOIDS: 848 mg/g (84.8 %)

TEST TYPE RESULT: N/A  
UNIT OF MEASUREMENT: Milligrams per Gram(mg/g)

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
D9THC	786 mg/g (78.6 %)	1.000	2.00	D8THC	ND	1.000	2.00
THCa	ND	1.000	2.00	CBG	25.4 mg/g (2.54 %)	1.000	2.00
CBN	17.2 mg/g (1.72 %)	1.000	2.00	CBD	ND	1.000	2.00
CBDa	ND	1.000	2.00	CBGa	ND	1.000	2.00
THCv	7.20 mg/g (0.720 %)	1.000	2.00	CBC	11.9 mg/g (1.19 %)	1.000	2.00
CBDv	ND	1.000	2.00				

### ADDITIONAL INFORMATION

Method: SOP-TECH-001  
Instrument: HPLC-DAD

Sample Prepped 09/11/2018 12:21  
Sample Analyzed 09/11/2018 12:49

Sample Approved 09/11/2018 21:26





### CHEMICAL RESIDUE ANALYSIS

TEST TYPE RESULT: **Pass**  
 UNIT OF MEASUREMENT: **Micrograms per Gram(ug/g)**

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL		
Acephate	ND	0.0025	0.0050	0.100	Pass	Acequinocyl	ND	0.0050	0.0250	0.100	Pass
Acetamiprid	ND	0.0025	0.0100	0.100	Pass	Aldicarb	ND	0.0025	0.0100	0.0	Pass
Azoxystrobin	ND	0.0025	0.0100	0.200	Pass	Bifenazate	ND	0.0025	0.0100	0.100	Pass
Bifenthrin	ND	0.0050	0.0250	3.00	Pass	Boscalid	ND	0.0025	0.0100	0.100	Pass
Carbaryl	ND	0.0025	0.0100	0.500	Pass	Carbofuran	ND	0.0025	0.0100	0.0	Pass
Chlorantraniliprole	ND	0.0030	0.0250	10.0	Pass	Chlorfenapyr	ND	0.0500	0.100	0.0	Pass
Chlorpyrifos	ND	0.0025	0.0100	0.0	Pass	Clofentezine	ND	0.0030	0.0250	0.100	Pass
Cypermethrin	ND	0.0100	0.0500	1.00	Pass	Daminozide	ND	0.0050	0.250	0.0	Pass
Dichlorvos	ND	0.0050	0.0500	0.0	Pass	Diazinon	ND	0.0025	0.0100	0.100	Pass
Dimethoate	ND	0.0025	0.0100	0.0	Pass	Ethoprophos	ND	0.0025	0.0100	0.0	Pass
Etofenprox	ND	0.0025	0.0100	0.0	Pass	Etoxazole	ND	0.0025	0.0100	0.100	Pass
Fenoxycarb	ND	0.0025	0.0100	0.0	Pass	Fenpyroximate	ND	0.0025	0.0100	0.100	Pass
Fipronil	ND	0.0250	0.200	0.0	Pass	Fonicamid	ND	0.0050	0.0250	0.100	Pass
Fludioxonil	ND	0.0100	0.0500	0.100	Pass	Hexythiazox	ND	0.0025	0.0250	0.100	Pass
Imazalil	ND	0.0050	0.0250	0.0	Pass	Imidacloprid	ND	0.0050	0.0500	5.00	Pass
KresoximMethyl	ND	0.0025	0.0100	0.100	Pass	Malathion	ND	0.0025	0.0100	5.00	Pass
Metalaxyl	ND	0.0025	0.0100	2.00	Pass	Methiocarb	ND	0.0025	0.0100	0.0	Pass
Methomyl	ND	0.0025	0.0100	1.00	Pass	Myclobutanil	ND	0.0100	0.0500	0.100	Pass
Naled	ND	0.0025	0.0100	0.100	Pass	Oxamyl	ND	0.0250	0.100	0.500	Pass
Paclobutrazol	ND	0.0025	0.0100	0.0	Pass	Phosmet	ND	0.0025	0.0100	0.100	Pass
PiperonylButoxide	ND	0.0025	0.0100	3.00	Pass	Prallethrin	ND	0.0100	0.0500	0.100	Pass
Propoxur	ND	0.0025	0.0100	0.0	Pass	Pyridaben	ND	0.0025	0.0100	0.100	Pass
Spiromesifen	ND	0.0025	0.0100	0.100	Pass	Spirotetramat	ND	0.0025	0.0100	0.100	Pass
Spiroxamine	ND	0.0250	0.0100	0.400	Pass	Tebuconazole	ND	0.0250	0.0100	0.100	Pass
Thiacloprid	ND	0.0025	0.0100	0.0	Pass	Thiamethoxam	ND	0.0025	0.0100	5.00	Pass
Trifloxystrobin	ND	0.0025	0.0100	0.100	Pass	Abamectin	ND	0.0127	0.0635	0.100	Pass
Cyfluthrin	ND	0.100	0.500	2.00	Pass	Permethrins	ND	0.0166	0.0685	0.500	Pass
Propiconazole	ND	0.0051	0.0251	0.100	Pass	Pyrethrins	ND	0.0144	0.0705	0.500	Pass
Spinosad	ND	0.0061	0.0244	0.100	Pass	Coumaphos	ND	0.0025	0.0100	0.0	Pass
Fenhexamid	ND	0.0050	0.0500	0.100	Pass	Spinetoram	ND	0.0030	0.0100	0.100	Pass
Dimethomorph	ND	0.0025	0.0100	2.00	Pass	Mevinphos	ND	0.0020	0.0100	0.0	Pass

**ADDITIONAL INFORMATION**

Method: SOP-TECH-002  
 Instrument: UPLC-MSMS

Sample Prepped 09/10/2018 14:29  
 Sample Analyzed 09/10/2018 18:10

Sample Approved 09/11/2018 13:44



## CHEMICAL RESIDUE GC ANALYSIS

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Chlordane	ND	0.0400	0.100	0.0 <b>Pass</b>	Captan	ND	0.200	0.400	0.700 <b>Pass</b>
PCNB	ND	0.0200	0.0400	0.100 <b>Pass</b>	MethylParathion	ND	0.0400	0.100	0.0 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-LAB-007  
Instrument: GC-MS/MS

Sample Prepped 09/10/2018 14:30  
Sample Analyzed 09/10/2018 18:10

Sample Approved 09/11/2018 12:30

## RESIDUAL SOLVENT ANALYSIS

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Chloroform	ND	0.500	1.00	0.0 <b>Pass</b>	Acetone	59.0 ug/g	5.00	10.0	3100 <b>Pass</b>
Methanol	145 ug/g	50.0	100	400 <b>Pass</b>	Ethanol	60.7 ug/g	10.0	50.0	5000 <b>Pass</b>
Benzene	ND	0.500	1.00	0.0 <b>Pass</b>	Toluene	ND	1.00	2.50	30.0 <b>Pass</b>
Pentane	ND	50.0	100	5000 <b>Pass</b>	Hexane	ND	0.500	1.00	70.0 <b>Pass</b>
Heptane	ND	5.00	10.0	5000 <b>Pass</b>	Ethyl Acetate	ND	10.0	50.0	5000 <b>Pass</b>
Propane	ND	100	200	5000 <b>Pass</b>	Acetonitrile	ND	1.00	2.50	6.00 <b>Pass</b>
Ethyl Ether	ND	10.0	50.0	5000 <b>Pass</b>	1,2-Dichloroethane	ND	0.500	1.00	0.0 <b>Pass</b>
Butane	ND	96.0	192	5000 <b>Pass</b>	Methylene chloride	ND	0.500	1.00	0.0 <b>Pass</b>
Ethylene oxide	ND	0.500	1.00	0.0 <b>Pass</b>	Isopropyl Alcohol	20.2 ug/g	5.00	10.0	320 <b>Pass</b>
Trichloroethylene	ND	0.500	1.00	0.0 <b>Pass</b>	Xylenes	ND	1.00	2.00	10.0 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-TECH-003  
Instrument: HS-GC-FID

Sample Prepped 09/10/2018 14:32  
Sample Analyzed 09/10/2018 17:57

Sample Approved 09/11/2018 12:29



## MICROBIAL ANALYSIS

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: Cycle Threshold (Ct)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
A.fumigatus	ND	0.0	0.0	33.0 <b>Pass</b>	A. flavus	ND	0.0	0.0	33.0 <b>Pass</b>
A. niger	ND	0.0	0.0	33.0 <b>Pass</b>	A. terreus	ND	0.0	0.0	33.0 <b>Pass</b>
STEC	ND	0.0	0.0	33.0 <b>Pass</b>	Salmonella spp	ND	0.0	0.0	33.0 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-LAB--00?  
Instrument: qPCR

Sample Prepped 09/10/2018 14:28  
Sample Analyzed 09/10/2018 18:11

Sample Approved 09/12/2018 12:50

## FILTH & FOREIGN MATERIAL

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: Filth and Foreign Matter (%)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
SSCD	ND	0.0	0.0	25.0 <b>Pass</b>	Mold	ND	0.0	0.0	25.0 <b>Pass</b>
IF RH ME	ND	0.0	0.0	3.00 <b>Pass</b>	IFM	ND	0.0	0.0	25.0 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-LAB-007  
Instrument: Magnifying Glass

Sample Prepped 09/11/2018 10:13  
Sample Analyzed 09/11/2018 20:25

Sample Approved 09/11/2018 21:26

This report replaces the previous version with CofA Certificate#: COA-00019012.

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented, or abstracted in any manner. Any violation of these conditions renders the report and its results void.

## DATA REVIEWED AND APPROVED BY



09/12/2018

Swetha Kaul, PhD  
Chief Scientific Officer

Date

